

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/103841 A1

(51) International Patent Classification⁷: **B02C 25/00**,
19/06

(21) International Application Number: **PCT/NZ03/00118**

(22) International Filing Date: **9 June 2003 (09.06.2003)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
518111 **9 June 2002 (09.06.2002) NZ**

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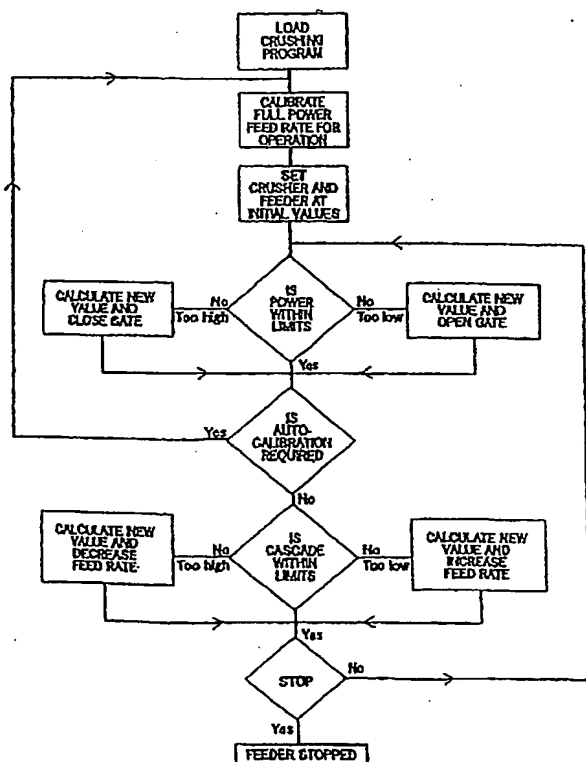
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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

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(54) Title: **CONTROL SYSTEM**



(57) **Abstract:** The present invention relates to a control system for a rock crusher which is adapted for use with Vertical Shaft Impact rock crusher which divides the rock it processes into a stream which is supplied to a central rotor and a stream which cascades past the rotor. The control system is used to control the ratio of material placed into the cascade and includes a processing means which is adapted to receive a throughput signal from at least one throughput sensor. The processing means is adapted to transmit at least one control signal to at least one control mechanism of the crusher, and at least one control signal or signals are transmitted to said control mechanism or mechanisms to adjust the amount of material entering the crusher rotor to provide a specific cascade ratio for the crusher in response to a variable throughput of material.

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